

Attorney's File: Pat 2032/45-PCT

Abstract

5 A veterinary syringe is proposed, comprising a base body (2), on the front side of which a  
syringe barrel (5) receiving the medicament is arranged while a guiding element (10) for a  
plunger rod (7) that is guided therein so as to be movable in a longitudinal direction is arranged  
on the rear side thereof, and one end of said plunger rod (7), to which a plunger (8) is attached,  
extends into the syringe barrel (5), said syringe further comprising a handle (4) for holding the  
10 syringe (1), an operating lever (13), one end (14) of which is pivotably attached to the lower part  
(15) of the handle (4) while the other end (16) thereof is guided within the bottom side (3) of the  
guiding element (10) and engages with a toothed rack (11) via a spring-biased catch (12), said  
toothed rack (11) being disposed on the bottom side of the plunger rod (7), and a locking device  
15 (27) for the plunger rod (7) which engages with the toothed rack (11) is provided as a locking  
slider (29) disposed inside the guiding element (10) so as to be movable in a vertical direction at  
the end thereof, is provided with an opening (32) through which the plunger rod (7) is guided  
and extends into the toothed rack (11) from below, locking said toothed rack (11) so as to  
prevent it from withdrawing, wherein said locking slider (29) can be moved from the locked  
position into a released position for the toothed rack (11) and can be maintained in said  
20 released position by means of an actuator, characterized by the locking slider (29) being  
extended so as to protrude out of the bottom of the guiding element (10) toward the operating  
lever (13), said extension comprising a bore (33), by a locking pin (34) being provided on the  
operating lever (13), which is arranged parallel to the plunger rod (7), and by the locking pin (34)  
extending into the bore (33), in the resting position of the operating lever (13), when the locking  
25 slider (29) is pressed down through the guiding element (10) all the way to the locking pin (34)  
against the force of a spring (31).

Fig.1

